

IISL COLLOQUIUM ON THE LAW OF OUTER SPACE (E7)

Space Traffic Management: From Space Situational Awareness and Space Surveillance and Tracking to developing Rules of the Road (4)

Author: Ms. Ntorina Antoni
Eindhoven University of Technology, The Netherlands, n.antoni@tue.nl

Dr. Christina Giannopapa
European Space Agency (ESA), France, christina.giannopapa@esa.int
Prof. Kai-Uwe Schrogl
European Space Agency (ESA), France, kai-uwe.schrogl@esa.int

COMPARATIVE ANALYSIS OF SELECTED EUROPEAN MEMBER STATES ON CIVIL-MILITARY COOPERATION FOR THE ESTABLISHMENT OF SPACE TRAFFIC MANAGEMENT IN EUROPE

Abstract

The objective of this paper is to provide an up-to date overview and holistic assessment of the national space governance structures and strategic priorities of selected European Member States with regard to the establishment and operational effectiveness of a comprehensive Space Traffic Management (STM) regime in Europe. The paper focuses on the current space and security/defence activities and programmes of selected European Member States to identify major policy and legal challenges. In particular it analyses the civil-military nexus as an emerging dynamic for space cooperation and subsequently the establishment of space traffic management. Evaluating the existing legal and policy perspectives on civil-military cooperation is valuable for it will enable understanding the underlying challenges and will facilitate the establishment of a comprehensive STM regime. The study addresses the way the European space and security/defence policies could affect the potential establishment of space traffic management regime in Europe.